Welcome Center Exhibits

1. What type of energy are photovoltaic (PV) cells used to collect?

_____________________________________________________________________________________

2. How does a PV array affect the environment? ________________________________
_____________________________________________________________________________________

3. When you “flushed” the composting toilet exhibit, where did your water go? __________
_____________________________________________________________________________________

Trailhead Gallery

4. Owls are predators, which means they catch and kill their food. List three adaptations owls use to help them hunt after dark.

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__________________
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5. Why are animals at the Science Center? ________________________________
_____________________________________________________________________________________

Life Underground

6. How do soil animals find their food?

7. Could we live without soil?

Ecotone Mammal Exhibit

8. What is an ecotone?

9. Red foxes are predators and rely on their sharp eyesight to help them find their prey. By looking at this fox, can you tell what other senses might also be important?
10. Because red foxes are most active at night, they could be called ____________________________ animals.

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**Bobcat Exhibit**

11. Bobcats blend in well with their surroundings. This is called ____________________________

12. What animals do bobcats like to catch for food? ____________________________

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**Mountain Lion Exhibit**

13. What type of claws do mountain lions have? ____________________________

14. How far can a mountain lion jump? ____________________________

15. What are lichens made of? ____________________________

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**Deer Exhibit**

16. Do both male and female deer have antlers? Yes  No

17. If you cannot tell the age of a deer by the number of points it has on its antlers, how can you determine a deer’s age?

____________________________________________________________________________

18. What do deer eat? Animals  Plants  Fish  Insects (circle one)

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**Otter Exhibit**

19. List three adaptations which help otters survive in their habitat.

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20. Otters live in aquatic or watery communities. Name one natural community where otters may be found.

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Gordon Children’s Center

21. What are the four stages an insect goes through during complete metamorphosis?

_______________________  ________________________

_______________________  ________________________

22. Name a mammal that eats both plants and meat.

23. List three animals you might find living underground.

_____________________

_____________________

_____________________

Bear Exhibit

24. Name three things bears might eat:

_____________________

_____________________

_____________________

25. What type of bears live in New Hampshire?

________________________________________

Bird Exhibit

26. Birds have different kinds of _____________ depending on the type of food they eat (seeds, berries, fish, etc.)

27. Most birds have hollow bones which help them fly. True False

28. Loons live on the same lake or pond year-round. True False
29. What are two problems loons face when living on New Hampshire’s lakes?

_____________________  _____________________

_Raptor Exhibit_

30. What are two adaptations which make raptors different from other birds?

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____________________

31. Circle the name of a raptor that is nocturnal.

Red-tailed Hawk  Turkey Vulture  Great Horned Owl

_Marsh Boardwalk_

32. Soil erosion occurs when rich topsoil is washed away. How do plants in a wetland help stop soil erosion?

33. What are 3 examples of animals that use wetlands?

Sketch a favorite scene from your trip to the Science Center below.